

Memorial Resource Development Corp.
 Form 4
 September 16, 2016

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 Graham Jay Carlton

2. Issuer Name and Ticker or Trading Symbol
 Memorial Resource Development Corp. [MRD]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
 500 DALLAS, SUITE 1800

3. Date of Earliest Transaction (Month/Day/Year)
 09/16/2016

Director 10% Owner
 Officer (give title below) Other (specify below)
 CEO and Director / Member 13(d) group owning >10%

(Street)
 HOUSTON, TX 77002

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock	09/16/2016		D		11,582,289	D	<u>(1)</u> <u>(2)</u>
Common Stock	09/16/2016		D		580,000	D	<u>(1)</u> <u>(2)</u>

By WHR
 Incentive
 LLC

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474
 (9-02)

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Owned Beneficially (Instr. 5)
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Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Graham Jay Carlton 500 DALLAS, SUITE 1800 HOUSTON, TX 77002	X		CEO and Director	Member 13(d) group owning >10%

Signatures

/s/ Kyle N. Roane,
Attorney-in-Fact
09/16/2016

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
 - ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) On September 16, 2016, pursuant to the Agreement and Plan of Merger dated as of May 15, 2016 (the "Merger Agreement"), by and among Memorial Resource Development Corp. (the "Company"), Range Resources Corporation ("Range") and Medina Merger Sub, Inc. ("Merger Sub"), Merger Sub merged with and into the Company (the "Merger"), with the Company surviving the Merger and continuing as a wholly-owned subsidiary of Range.
- (2) Pursuant to the Merger Agreement, each share of Company common stock issued and outstanding immediately prior to the effective time of the Merger owned by the Reporting Person was converted at such time into the right to receive 0.375 of a share of Range common stock, or in the case of fractional shares of Range common stock, cash (without interest) in an amount equal to the product of (i) such fractional part of a share of Range common stock multiplied by (ii) the volume weighted average price of Range common stock for the five consecutive trading days immediately prior to the closing date of the Merger as reported by Bloomberg, L.P. The closing price per share of Range common stock on the day prior to the effective date of the merger was \$39.37.
- (3) Mr. Graham disclaims beneficial ownership of the reported securities in excess of his pecuniary interest in the securities. This report shall not be deemed an admission that the reporting person was the beneficial owner of the reported securities for purposes of Section 16 or for any other purpose.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.